Resource Summary Report

Generated by dkNET on Sep 18, 2026

RB772

RRID:WB-STRAIN:WBStrain00031485
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031485

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00031485

Proper Citation: RRID:WB-STRAIN:WBStrain00031485

Description: Caenorhabditis elegans with name atf-6(ok551) X. from WB.

Species: Caenorhabditis elegans

Synonyms: atf-6(ok551) X.

Notes: F45E6.2. Homozygous. Outer Left Sequence: GGCGGGAGTTTAGGAGATTC. Outer Right Sequence: AAAGGCACGGAAATTGAGAA. Inner Left Sequence: AATGACCAGGAAATGTGGGA. Inner Right Sequence: AAGTGTCAATTGGCCAGTCC. Inner primer WT PCR product: 2983.|"Made_by: OMRF Knockout Group"|"Mutagen:UV/TMP"|"Supplementary_genotype atf-6(ok551)"|"Supplementary_genotype atf-6(ok551) X"|"This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."|"WBStrain provided so WBPaper00060933 paper added based on AFP_Strain data."

Affected Gene: WBGene00000222(atf-6)

Genomic Alteration: WBGene00000222(atf-6)

Catalog Number: WB-STRAIN:WBStrain00031485

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:33495210, PMID:33542359, PMID:36924492, PMID:37902464, PMID:39436952

Alternate IDs: WB-STRAIN:RB772, CGC_RB772

Organism Name: RB772

Record Creation Time: 20230227T013616+0000

Record Last Update: 20260912T181626+0000

Ratings and Alerts

No rating or validation information has been found for RB772.

No alerts have been found for RB772.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Rao R, et al. (2025) Inhibition of the UFD-1-NPL-4 complex triggers an aberrant immune response in Caenorhabditis elegans. eLife, 13.

Rao R, et al. (2025) Inhibition of the UFD-1-NPL-4 complex triggers an aberrant immune response in Caenorhabditis elegans. bioRxiv : the preprint server for biology.

Kawano T, et al. (2023) ER proteostasis regulators cell-non-autonomously control sleep. Cell reports, 42(3), 112267.

Beaudoin-Chabot C, et al. (2022) The unfolded protein response reverses the effects of glucose on lifespan in chemically-sterilized C. elegans. Nature communications, 13(1), 5889.

Salzberg Y, et al. (2017) Reduced Insulin/Insulin-Like Growth Factor Receptor Signaling Mitigates Defective Dendrite Morphogenesis in Mutants of the ER Stress Sensor IRE-1. PLoS genetics, 13(1), e1006579.

Bischof LJ, et al. (2008) Activation of the unfolded protein response is required for defenses against bacterial pore-forming toxin in vivo. PLoS pathogens, 4(10), e1000176.